



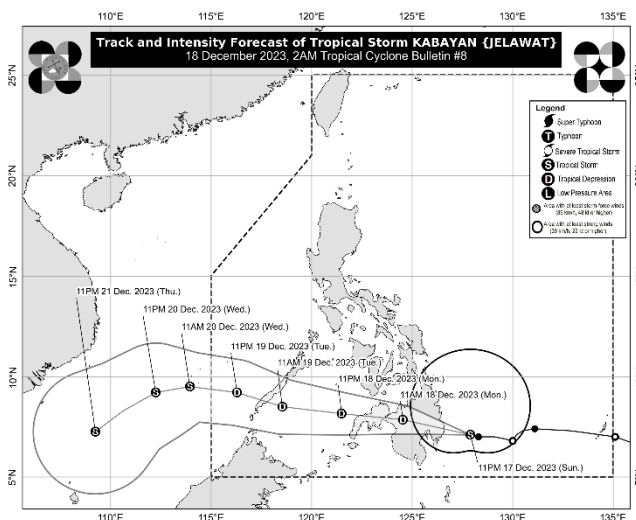
TROPICAL CYCLONE BULLETIN NR. 8
Tropical Storm KABAYAN (JELAWAT)

Issued at 2:00 AM, 18 December 2023

Valid for broadcast until the next bulletin at 5:00 AM today.

TROPICAL STORM "KABAYAN" CONTINUES TO MOVE CLOSER TO DAVAO ORIENTAL.

Location of Center (1:00 AM)
The center of Tropical Storm KABAYAN was estimated based on all available data at 225 km East of Davao City (7.1°N, 127.7°E)
Intensity
Maximum sustained winds of 65 km/h near the center, gustiness of up to 80 km/h , and central pressure of 1000 hPa
Present Movement
West Southwestward at 15 km/h
Extent of Tropical Cyclone Winds
Strong to gale-force winds extend outwards up to 420 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 11:00 AM 18 December 2023	7.9	124.6	In the vicinity of Manguing, Lanao del Sur	55	TD	WNW 30
24-Hour Forecast 11:00 PM 18 December 2023	8.2	121.5	210 km West Southwest of Dipolog City, Zamboanga del Norte	45	TD	W 30
36-Hour Forecast 11:00 AM 19 December 2023	8.5	118.6	140 km South of Puerto Princesa City, Palawan	55	TD	W 25
48-Hour Forecast 11:00 PM 19 December 2023	9.2	116.3	275 km West Southwest of Puerto Princesa City, Palawan	55	TD	WNW 20
60-Hour Forecast 11:00 AM 20 December 2023	9.5	114.0	175 km South of Pag-asa Island, Kalayaan, Palawan or 525 km West of Puerto Princesa City, Palawan (OUTSIDE PAR)	65	TS	W 20
72-Hour Forecast 11:00 PM 20 December 2023	9.2	112.3	300 km Southwest of Pag-asa Island, Kalayaan, Palawan or 710 km West of Puerto Princesa City, Palawan (OUTSIDE PAR)	75	TS	W 15
96-Hour Forecast 11:00 PM 21 December 2023	7.3	109.3	1,410 km West of Western Mindanao (OUTSIDE PAR)	65	TS	WSW 15

Prepared by: *PCDM*

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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
2 Wind threat: Gale-force winds	-	-	Dinagat Islands, Surigao del Norte including Siargao and Bucas Grande Islands, Surigao del Sur, the northern portion of Agusan del Norte (Kitcharao, Jabonga, Santiago, City of Cabadbaran, Remedios T. Romualdez, Tubay), the eastern portion of Agusan del Sur (Trento, Bunawan, San Francisco, Rosario, Prosperidad, City of Bayugan, Sibagat), and the northern portion of Davao Oriental (Boston, Cateel)
	Warning lead time: 24 hours Range of wind speeds: 62 to 88 km/h (Beaufort 8 to 9) Potential impacts of winds: Minor to moderate threat to life and property		
1 Wind threat: Strong winds	Cagayancillo Islands	Southern Leyte, Leyte, the southern portion of Samar (Basey, Santa Rita, Marabut, Talalora, Villareal, Pinabacdao), the southern portion of Eastern Samar (Maydolong, City of Borongan, Quinapondan, Guiuan, Lawaan, Balangiga, Llorente, Giporlos, Salcedo, Balangkayan, General Macarthur, Hernani, Mercedes), Cebu including Camotes and Bantayan Islands, Bohol, Siquijor, Negros Oriental, Negros Occidental, and Guimaras	The rest of Agusan del Norte, the rest of Agusan del Sur, the central portion of Davao Oriental (Baganga, Manay, Caraga, Tarragona, Lupon, Banaybanay), Davao de Oro, Davao del Norte, Davao City, Camiguin, Misamis Oriental, Misamis Occidental, Lanao del Norte, Lanao del Sur, the northern portion of Maguindanao del Norte (Buldon, Barira, Matanog), the northern portion of Cotabato (Arakan, Carmen, Banisilan, Alamada, President Roxas, Kabacan, Matalam, Antipas, Magpet), Zamboanga del Sur, and the northeastern portion of Zamboanga del Norte (Siayan, Sindangan, Jose Dalman, Manukan, Pres. Manuel A. Roxas, Sergio Osmeña Sr., Katipunan, Dipolog City, Polanco, Mutia, Piñan, Dapitan City, Sibutad, La Libertad, Rizal)
		Warning lead time: 36 hours Range of wind speeds: 39 to 61 km/h (Beaufort 6 to 7) Potential impacts of winds: Minimal to minor threat to life and property	



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall Outlook

Forecast accumulated rainfall for today

- **Above 200 mm:** The northern portion of Surigao del Sur
- **100-200 mm:** The rest of Surigao del Sur, Surigao del Norte, Dinagat Islands, Camiguin, and Southern Leyte
- **50-100 mm:** Central Visayas, Leyte, Biliran, the northern portions of Davao de Oro, Davao del Norte, and Davao Oriental, the southern portions of Eastern Samar and Samar, and the rest of Caraga and Northern Mindanao.

Forecast accumulated rainfall for tomorrow

- **50-100 mm:** Mainland Palawan, Cuyo Islands, Cagayancillo Islands, and Kalayaan Islands

Forecast rainfall are generally higher in elevated or mountainous areas. Under these conditions, **flooding and rain-induced landslides are likely** especially in areas that are highly or very highly susceptible to these hazards as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.

In addition, the Shear Line coinciding with the passage of KABAYAN may bring heavy rainfall over the eastern portion of Southern Luzon. For more information, refer to Weather Advisory No. 4 issued at 11:00 PM yesterday.

Severe Winds

The wind signals warn the public of the general wind threat over an area due to the tropical cyclone. Local winds may be slightly stronger/enhanced in coastal and upland/mountainous areas exposed to winds. Winds are less strong in areas sheltered from the prevailing wind direction.

- **Minor to moderate impacts** from gale force winds may occur within any of the areas where Wind Signal No. 2 is hoisted
- **Minimal to minor impacts** from strong winds are possible within any of the areas under Wind Signal No. 1.

The surge of the Northeast Monsoon will bring also **gusty conditions** for the next 2 days over the following areas not under any Wind Signal, especially in coastal and upland/mountainous areas exposed to winds:

- **Today and Tomorrow:** Most of Luzon and Visayas

HAZARDS AFFECTING COASTAL WATERS

Under the influence of the Northeast Monsoon surge and Tropical Storm KABAYAN, a Gale Warning is in effect for the coastal waters along the seaboard of Northern Luzon and the eastern seaboards of Central Luzon, Southern Luzon, Visayas and Mindanao. **Sea travel is risky for small seacraft (including all motor bancas of any type or tonnage). Mariners of these vessels are advised to remain in port or seek safe harbor.** For more information, refer to Gale Warning No. 4 issued at 5:00 PM yesterday.

Outside the coastal waters under Gale Warning, moderate to rough seas are likely over the western seaboards of Central (1.5-3.5 m) and Southern Luzon, the western and northern seaboards of Mindanao, and the remaining seaboard of Visayas (1.25-3.0 m). **Mariners of motor bancas and similarly-sized vessels are advised to take precautionary measures while venturing out to sea and, if possible, avoid navigating in these conditions, especially if inexperienced or operating ill-equipped vessels.**



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TRACK AND INTENSITY OUTLOOK

- **Hazards such as severe wind and heavy rainfall may be experienced in areas that are not close to the track forecast. Refer to the “Hazards affecting land areas” for more detailed information.**
- A southward shift in the track forecast has been observed. KABAYAN is forecast to track generally westward or west northwestward path across the Philippine archipelago over the next two days and is likely to remain a tropical storm until its initial landfall over Mindanao.
- On the track forecast, it is likely to make landfall along the coast of southern Surigao del Sur or Davao Oriental this morning, cross the rugged terrain of Mindanao, and emerge over the Sulu Sea between this afternoon and evening. Due to frictional effects associated with landfall, KABAYAN is forecast to be downgraded into a tropical depression and the possibility of being downgraded into a low pressure area while over land or after emerging over the sea is not ruled out (although in such a case, re-development may still occur over the Sulu Sea).
- Afterwards, KABAYAN will move across the Sulu Sea south of Cagayancillo Islands. The tropical cyclone is forecast to make another landfall over central or southern Palawan as a tropical depression by Tuesday morning or afternoon, then emerge over the West Philippine Sea shortly thereafter. KABAYAN may pass near or over Kalayaan Islands between Tuesday evening and Wednesday morning.
- **It is imperative to stress that the forecast track and intensity may still change given its nature and strength.**

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 AM today.

DOST-PAGASA

Prepared by:  PCDM

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